

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082321\
 Data File : VN068259.D
 Acq On : 23 Aug 2021 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 8/24/2021 11:22:31 AM

Quant Time: Aug 24 03:52:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	691017	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	999348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	977169	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	508362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	338158	45.832	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.660%		
35) Dibromofluoromethane	8.024	113	316277	50.409	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.820%		
50) Toluene-d8	10.443	98	1213413	50.756	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.520%		
62) 4-Bromofluorobenzene	12.733	95	425217	53.430	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.860%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	244203	44.600	ug/l	98
3) Chloromethane	2.301	50	258357	41.764	ug/l	97
4) Vinyl Chloride	2.443	62	393687	40.615	ug/l	96
5) Bromomethane	2.837	94	354435	46.097	ug/l	97
6) Chloroethane	3.009	64	295892	50.774	ug/l	96
7) Trichlorofluoromethane	3.368	101	805778	42.285	ug/l	99
8) Diethyl Ether	3.819	74	178186	40.313	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.199	101	267032	45.832	ug/l #	84
10) Methyl Iodide	4.414	142	385209	46.497	ug/l #	87
11) Tert butyl alcohol	5.388	59	216063	234.823	ug/l	100
12) 1,1-Dichloroethene	4.173	96	239567	42.765	ug/l #	76
13) Acrolein	4.038	56	104658	169.743	ug/l	97
14) Allyl chloride	4.832	41	324351	45.297	ug/l #	94
15) Acrylonitrile	5.556	53	612764	236.379	ug/l	99
16) Acetone	4.288	43	543488	252.292	ug/l #	87
17) Carbon Disulfide	4.521	76	636926	43.981	ug/l	99
18) Methyl Acetate	4.856	43	279575	50.922	ug/l #	85
19) Methyl tert-butyl Ether	5.621	73	875339	48.467	ug/l	96
20) Methylene Chloride	5.090	84	293535	49.222	ug/l #	81
21) trans-1,2-Dichloroethene	5.591	96	283514	45.206	ug/l #	77
22) Diisopropyl ether	6.498	45	761979	48.712	ug/l #	92
23) Vinyl Acetate	6.433	43	2958540	242.979	ug/l #	88
24) 1,1-Dichloroethane	6.385	63	466639	44.648	ug/l	95
25) 2-Butanone	7.340	43	814936	242.745	ug/l #	84
26) 2,2-Dichloropropane	7.324	77	442203	49.381	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	344276	45.845	ug/l	75
28) Bromochloromethane	7.659	49	220358	47.947	ug/l #	38
29) Tetrahydrofuran	7.686	42	516444	240.540	ug/l #	78
30) Chloroform	7.817	83	566658	45.514	ug/l	98
31) Cyclohexane	8.094	56	419051	43.120	ug/l #	81
32) 1,1,1-Trichloroethane	8.016	97	522790	47.086	ug/l	93
36) 1,1-Dichloropropene	8.222	75	393509	48.169	ug/l	90
37) Ethyl Acetate	7.418	43	327827	47.104	ug/l #	94
38) Carbon Tetrachloride	8.206	117	473508	50.254	ug/l	97
39) Methylcyclohexane	9.461	83	518397	56.186	ug/l #	85
40) Benzene	8.461	78	1227114	49.214	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082321\
 Data File : VN068259.D
 Acq On : 23 Aug 2021 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 8/24/2021 11:22:31 AM

Quant Time: Aug 24 03:52:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	148472	46.727	ug/l #	76
42) 1,2-Dichloroethane	8.531	62	414834	48.843	ug/l	91
43) Isopropyl Acetate	8.563	43	562244	50.434	ug/l #	89
44) Trichloroethene	9.217	130	369278	49.249	ug/l	75
45) 1,2-Dichloropropane	9.494	63	294528	50.219	ug/l	98
46) Dibromomethane	9.579	93	237894	49.725	ug/l #	73
47) Bromodichloromethane	9.764	83	459857	51.725	ug/l #	97
48) Methyl methacrylate	9.563	41	241979	52.087	ug/l #	81
49) 1,4-Dioxane	9.571	88	116605	1038.422	ug/l #	78
51) 4-Methyl-2-Pentanone	10.333	43	1781889	260.204	ug/l	88
52) Toluene	10.507	92	878126	51.660	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	482329	55.235	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	501628	53.020	ug/l #	82
55) 1,1,2-Trichloroethane	10.902	97	348140	51.251	ug/l	94
56) Ethyl methacrylate	10.762	69	479040	54.915	ug/l #	79
57) 1,3-Dichloropropane	11.046	76	528117	50.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	399955	216.845	ug/l #	82
59) 2-Hexanone	11.087	43	1276106	268.370	ug/l	86
60) Dibromochloromethane	11.240	129	426147	55.608	ug/l	99
61) 1,2-Dibromoethane	11.347	107	378335	53.704	ug/l	98
64) Tetrachloroethene	10.979	164	387500	51.284	ug/l	87
65) Chlorobenzene	11.773	112	1009539	50.458	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	404160	53.552	ug/l	98
67) Ethyl Benzene	11.846	91	1702538	51.589	ug/l	93
68) m/p-Xylenes	11.956	106	1398249	105.913	ug/l	78
69) o-Xylene	12.283	106	688599	53.983	ug/l	78
70) Styrene	12.296	104	1117698	54.742	ug/l #	89
71) Bromoform	12.460	173	362017	59.813	ug/l #	99
73) Isopropylbenzene	12.581	105	1754997	48.541	ug/l	94
74) N-amyl acetate	12.390	43	456769	48.517	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.830	83	495601	45.706	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	364120m	43.094	ug/l	
77) Bromobenzene	12.862	156	500143	50.212	ug/l	52
78) n-propylbenzene	12.924	91	1915052	49.378	ug/l	89
79) 2-Chlorotoluene	13.010	91	1125610	46.929	ug/l	79
80) 1,3,5-Trimethylbenzene	13.061	105	1459549	49.901	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.626	75	141652	54.923	ug/l #	85
82) 4-Chlorotoluene	13.106	91	1123095	48.241	ug/l	83
83) tert-Butylbenzene	13.326	119	1329988	51.207	ug/l	81
84) 1,2,4-Trimethylbenzene	13.372	105	1447450	50.694	ug/l	89
85) sec-Butylbenzene	13.503	105	1796916	52.543	ug/l	91
86) p-Isopropyltoluene	13.618	119	1547065	54.805	ug/l	89
87) 1,3-Dichlorobenzene	13.618	146	866976	51.045	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	847262	49.240	ug/l	91
89) n-Butylbenzene	13.946	91	1148979	54.563	ug/l	95
90) Hexachloroethane	14.214	117	277913	53.061	ug/l	64
91) 1,2-Dichlorobenzene	13.991	146	817561	50.557	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	79296	48.282	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.265	180	425717	50.189	ug/l	96
94) Hexachlorobutadiene	15.372	225	255754	58.397	ug/l	99
95) Naphthalene	15.509	128	929230	46.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	402893	50.038	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082321\
Data File : VN068259.D
Acq On : 23 Aug 2021 10:11
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

SAM
8/24/2021 11:22:31 AM

Quant Time: Aug 24 03:52:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

